

Abstract

New topics in biology and their transfer to biological education.

We used pluripotent stem cells as a model because this topic of developmental biology is very popular today. Topic was chosen based on current general education program and school educational program. In general society, we can encounter very differentiated opinions on this very promising branch of biomedical research. Individual opinions depend on personal experience, cultural background, faith and many other factors.

This work is planned as starting point for diploma work. In this diploma work, the education program will be created. In this program, the basic knowledge on creation and usage of pluripotent stem cells will be provided to the students. Based on this knowledge, students will form their own opinion on pluripotent stem cell. Modified materials from European program Decide will be used.